

**Chemistry 6-12 Competencies
2014-2015 Academic Year**

Test	Competency Name	# of Takers FIU	% Correct FIU	# of Takers - State	% Correct - State
Chemistry 6-12	01 (10) Knowledge of the nature of matter	3	53.3	226	72.7
Chemistry 6-12	02 (13-14) Knowledge of energy and its interaction with matter	3	76.2	226	78.5
Chemistry 6-12	03 (18) Knowledge of bonding and molecular structure	3	74.1	226	78.5
Chemistry 6-12	04 (21) Knowledge of chemical reactions and stoichiometry	3	66.7	226	74.3
Chemistry 6-12	05 (12) Knowledge of atomic theory and structure	3	69.4	226	76.0
Chemistry 6-12	06 (9-10) Knowledge of the nature of science	3	55.2	226	78.0
Chemistry 6-12	07 (9-10) Knowledge of measurement	3	55.6	226	74.4
Chemistry 6-12	08 (5) Knowledge of appropriate laboratory use and procedures	3	33.3	226	76.0